



SERVICE AREA **Sewer Fund** DEPARTMENT **Public Works** LOCATION **Along Burton Creek and Rock Castle Creek and adjacent to Route 501 and Wards Road**

PROJECT TITLE **BURTON CREEK INTERCEPTOR REPLACEMENT** PROJECT # (If existing) **N/A**

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*  
Revision **Delayed due to adequate capacity through at least 2010.**



**PROJECT DESCRIPTION**

Replacement of 12,000 l.f. of the existing interceptor from Burton Creek/Custer Drive to Rock Castle Creek and Route 501. Recent flow studies indicate sufficient capacity through at least 2010.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S) **Tim Mitchell, Director of Utilities** PROJECT START DATE **07/2009** FIXED ASSET DESIGNATION **New Construction/Expansion**  
PROJECT COMPLETION DATE **06/2011**

**TIMETABLE**

**% Appropriation Needed**

*Engineering & Architectural*

*Construction*

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
												25	25	25	25				
																25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):  
The overall impact to the operating budget will be negligible.

**TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)**

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04 **\$100,000** FY 2006 -2010 ESTIMATE **\$2,300,000** BEYOND FY 2010 ESTIMATE **\$0** TOTAL PROJECT ESTIMATE **\$2,400,000**

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT**

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering				150,000		\$150,000
Construction					2,150,000	\$2,150,000
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$150,000</b>	<b>\$2,150,000</b>	<b>\$2,300,000</b>

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND**

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund				150,000	2,150,000	\$2,300,000
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$150,000</b>	<b>\$2,150,000</b>	<b>\$2,300,000</b>

**FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING**

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond					2,150,000	\$2,150,000
Local: Pay-As-You-Go				150,000		\$150,000
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$150,000</b>	<b>\$2,150,000</b>	<b>\$2,300,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

**DEPARTMENT PRIORITY**

☒ Project supports essential services



# FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM

## Submission to Planning Commission

SERVICE AREA  
**Sewer Fund**

DEPARTMENT  
**Public Works**

LOCATION  
Various location within City limits

PROJECT TITLE

### COMBINED SEWER OVERFLOW (CSO) PROGRAM PROJECTS (formerly sewer separation/rehabilitation (CSO))

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*  
Continuation N/A



#### PROJECT DESCRIPTION

Replacement and/or rehabilitation of combined sewers. In addition, waterlines and streets may be renewed as needed. Planned projects may be significantly impacted by the Crosstown Connector Project and/or other water quality mandated projects.

#### RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion by 2020.

PROJECT MANAGER(S)  
Greg Poff, CSO Manager

PROJECT START DATE  
PROJECT COMPLETION DATE

Recurring  
Recurring

FIXED ASSET DESIGNATION  
New Construction/Expansion

#### TIMETABLE

% Appropriation Needed  
Land Acquisition  
Engineering & Architectural  
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):  
Lessens routine maintenance of sewer collection system in the completed project areas.

#### TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$31,900,000	Continuing	Continuing

#### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	242,000	90,000	80,000	94,000	132,000	\$638,000
Land Acquisitions/Right-of-Way	25,000	25,000	25,000	25,000	25,000	\$125,000
Consultant Engineering	580,000	200,000	175,000	210,000	305,000	\$1,470,000
Contract Administration (Contractual)	208,200	77,400	68,800	80,840	112,000	\$547,240
Inspections (Contractual)	396,800	147,600	131,200	154,160	216,000	\$1,045,760
Construction	10,648,000	3,960,000	3,520,000	4,136,000	5,810,000	\$28,074,000
<b>TOTAL</b>	<b>\$12,100,000</b>	<b>\$4,500,000</b>	<b>\$4,000,000</b>	<b>\$4,700,000</b>	<b>\$6,600,000</b>	<b>\$31,900,000</b>

#### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	2,500,000	1,000,000	1,000,000	1,700,000	2,000,000	\$8,200,000
4023 Sewer VRLF Capital Project Fund	9,600,000	3,500,000	3,000,000	3,000,000	4,600,000	\$23,700,000
<b>TOTAL</b>	<b>\$12,100,000</b>	<b>\$4,500,000</b>	<b>\$4,000,000</b>	<b>\$4,700,000</b>	<b>\$6,600,000</b>	<b>\$31,900,000</b>

#### FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond	1,850,000	1,750,000	1,000,000	1,350,000	1,850,000	\$7,800,000
State: VRLF	6,550,000	4,950,000	6,450,000	3,000,000	3,800,000	\$24,750,000
<b>TOTAL</b>	<b>\$8,400,000</b>	<b>\$6,700,000</b>	<b>\$7,450,000</b>	<b>\$4,350,000</b>	<b>\$5,650,000</b>	<b>\$32,550,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 24% STATE = 76% FEDERAL = 0 OTHER = %

#### DEPARTMENT PRIORITY

- ☒ Project has legal or regulatory mandate
- ☒ Project has State and Federal funding
- ☒ Project supports essential services

#### THIS PROJECT ALSO HAS (A) COMPONENT (S) IN

- ☒ City Capital Fund
- ☒ Sewer VRLF Capital Projects Fund
- ☒ Water Capital Project Fund



# FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM

## Submission to Planning Commission

SERVICE AREA  
**Sewer Fund**

DEPARTMENT  
**Public Works**

LOCATION  
Along Fishing Creek from Murray Place to Candler's Mountain Road

PROJECT TITLE

PROJECT # (If existing)

**FISHING CREEK INTERCEPTOR REPLACEMENT**

N/A

REQUEST TYPE

If request is a revision from previous year's submission, please describe changes and explain reason for change

New

N/A



### PROJECT DESCRIPTION

Replacement of 9,100 l.f. of the final division of the main interceptor serving the Fishing Creek drainage basin.

### RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)

Tim Mitchell, Director of Utilities

PROJECT START DATE 07/2008

PROJECT COMPLETION DATE 06/2010

FIXED ASSET DESIGNATION

New Construction/Expansion

### TIMETABLE

% Appropriation Needed  
Engineering & Architectural  
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
								25	25	25	25	25	25	25	25				
											25	25	25	25	25				

### OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

The overall impact to the operating budget will be negligible.

### TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04

\$0

FY 2006 -2010 ESTIMATE

\$1,500,000

BEYOND FY 2010 ESTIMATE

\$0

TOTAL PROJECT ESTIMATE

\$1,500,000

### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges			20,000			\$20,000
Consultant Engineering			150,000			\$150,000
Construction			330,000	1,000,000		\$1,330,000
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$ 0</b>	<b>\$1,500,000</b>

### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund			500,000	1,000,000		\$1,500,000
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$ 0</b>	<b>\$1,500,000</b>

### FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go			250,000	1,250,000		\$1,500,000
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$250,000</b>	<b>\$1,250,000</b>	<b>\$ 0</b>	<b>\$1,500,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %):

LOCAL = 100%

STATE = 0

FEDERAL = 0

OTHER = %

DEPARTMENT PRIORITY

☒ Project supports essential services



SERVICE AREA  
**Sewer Fund**

DEPARTMENT  
**Public Works**

LOCATION  
Various locations within City limits

PROJECT TITLE  
**MAJOR COLLECTION SYSTEM REPAIRS**

PROJECT # (If existing)  
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*  
Continuation N/A



**PROJECT DESCRIPTION**

Major repairs or replacement of the City's Wastewater Collection System. Costs of repairs are beyond normal operating budget for the Utility Division.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)  
Roger Blankenship

PROJECT START DATE  
PROJECT COMPLETION DATE

Recurring  
Recurring

FIXED ASSET DESIGNATION  
Maintenance/Capital Outlay

**TIMETABLE**

% Appropriation Needed  
Engineering & Architectural  
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

**OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):**

Lessens routine maintenance of sewer collection system in the completed project areas.

**TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)**

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$2,500,000	Continuing	Continuing

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT**

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	30,000	30,000	30,000	30,000	30,000	\$150,000
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Construction	420,000	420,000	420,000	420,000	420,000	\$2,100,000
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND**

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	500,000	500,000	500,000	500,000	500,000	\$2,500,000
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>

**FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING**

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	500,000	500,000	500,000	500,000	500,000	\$2,500,000
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

**DEPARTMENT PRIORITY**

☒ Project supports essential services



SERVICE AREA  
**Sewer Fund**

DEPARTMENT  
**Public Works**

## FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM

### Submission to Planning Commission

LOCATION  
Various location within City limits

PROJECT TITLE

**RAINLEADER DISCONNECT PROGRAM (CSO)**

PROJECT #  
(If existing)  
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*  
Continuation N/A



#### PROJECT DESCRIPTION

As part of the CSO program, the project involves the removal of stormwater by disconnection of rainleaders, downspouts and area drains from the sanitary sewer system.

#### RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion of 2020.

PROJECT MANAGER(S)  
Greg Poff, CSO Program Manager

PROJECT START DATE  
PROJECT COMPLETION DATE

Recurring  
Recurring

FIXED ASSET DESIGNATION  
New Construction/Expansion

#### TIMETABLE

% Appropriation Needed  
Engineering & Architectural  
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):  
Lessens routine maintenance of sewer collection system in the completed project areas.

#### TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$500,000	Continuing	Continuing

#### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Inspections (Contractual)	15,000	15,000	15,000	15,000	15,000	\$75,000
Miscellaneous-Disconnection Payments	35,000	35,000	35,000	35,000	35,000	\$175,000
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

#### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	100,000	100,000	100,000	100,000	100,000	\$500,000
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

#### FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000	\$500,000
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

#### DEPARTMENT PRIORITY

☒ Project has legal or regulatory mandate





# FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM

## Submission to Planning Commission

SERVICE AREA  
**Sewer Fund**

DEPARTMENT  
**Public Works**

LOCATION  
Tyreeanna Area

PROJECT TITLE  
**ROUTE 29 BYPASS/ROUTE 460 SEWER STUDY**

PROJECT # (If existing)  
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*  
New N/A



### PROJECT DESCRIPTION

Conduct an engineering study to provide sanitary sewer service to the Route 29 Bypass and Route 460 area of the City.

### RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with a dependable, modern, high quality water and sanitary sewer system with sufficient system capacity to meet the City's long term requirements.

PROJECT MANAGER(S)  
Roger Blankenship

PROJECT START DATE 07/2008  
PROJECT COMPLETION DATE 06/2010

FIXED ASSET DESIGNATION  
New Construction/Expansion

### TIMETABLE

% Appropriation Needed  
Land Acquisition  
Engineering & Architectural  
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
												25	25	25	25				
																33	33	11	22

### OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Increased revenues from new sewer customers. Also, increased sewerline maintenance expenses including expenses related to the operation and maintenance of the sewer pump stations.

### TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$0	\$50,000	\$0	\$50,000

### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	50,000					\$50,000
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$50,000</b>

### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	50,000					\$50,000
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$50,000</b>

### FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond	50,000					\$50,000
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$50,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

### DEPARTMENT PRIORITY

☒ Project represents additional essential services

☒ Project contributes to generation of new revenue



# FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM

## Submission to Planning Commission

SERVICE AREA  
**Sewer Fund**

DEPARTMENT  
**Public Works**

LOCATION  
Various location within City limits

PROJECT TITLE  
**SEWER EXTENSIONS**

PROJECT # (If existing)  
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*  
Continuation N/A



### PROJECT DESCRIPTION

Provide for the extension of sanitary sewer lines into unserved areas of the City due to new construction, failed septic systems or economic development. Also used to reimburse developers per City Code for constructing City sewers.

### RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with a dependable, modern, high quality water and sanitary sewer system with sufficient system capacity to meet the City's long term requirements.

PROJECT MANAGER(S)  
Lee Newland

PROJECT START DATE  
PROJECT COMPLETION DATE

Recurring  
Recurring

FIXED ASSET DESIGNATION  
New Construction/Expansion

### TIMETABLE

% Appropriation Needed  
*Engineering & Architectural  
Construction*

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):  
Increases revenue from new sewer service customers and increased maintenance for new sewer lines.

### TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$2,000,000	Continuing	<b>Continuing</b>

### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	40,000	40,000	40,000	40,000	40,000	<b>\$200,000</b>
Construction	360,000	360,000	360,000	360,000	360,000	<b>\$1,800,000</b>
<b>TOTAL</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,000,000</b>

### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	400,000	400,000	400,000	400,000	400,000	<b>\$2,000,000</b>
<b>TOTAL</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,000,000</b>

### FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000	<b>\$2,000,000</b>
<b>TOTAL</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,000,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

### DEPARTMENT PRIORITY

☒ Project represents additional essential services

☒ Project contributes to generation of new revenue



## FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM

### Submission to Planning Commission

SERVICE AREA  
**Sewer Fund**

DEPARTMENT  
**Public Works**

LOCATION  
Waste Water Treatment Plant on Concord Turnpike

PROJECT TITLE

PROJECT # (If existing)

**WASTEWATER TREATMENT PLANT ALTERNATE DISINFECTION PROJECT**

N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*  
Revision Cost increase



#### PROJECT DESCRIPTION

Installation of an alternative disinfection system at the WWTP. Originally installed in 1974, the current facilities are in need of replacement with a safer process to eliminate the hazards of liquid chlorine.

#### RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)  
Tim Mitchell

PROJECT START DATE 07/2005  
PROJECT COMPLETION DATE 06/2007

FIXED ASSET DESIGNATION  
New Construction/Expansion

#### TIMETABLE

% Appropriation Needed  
Engineering & Architectural  
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25												
				25	25	25	25												

#### OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

#### TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$0	\$1,550,000	\$0	\$1,550,000

#### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	150,000					\$150,000
Contract Administration (Contractual)		20,000				\$20,000
Inspections (Contractual)		30,000				\$30,000
Construction		1,350,000				\$1,350,000
<b>TOTAL</b>	<b>\$150,000</b>	<b>\$1,400,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$1,550,000</b>

#### FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	150,000					\$150,000
4023 Sewer VRLF Capital Project Fund		1,400,000				\$1,400,000
<b>TOTAL</b>	<b>\$150,000</b>	<b>\$1,400,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$1,550,000</b>

#### FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
State: VRLF	150,000	700,000	700,000			\$1,550,000
<b>TOTAL</b>	<b>\$150,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$1,550,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 0 STATE = 100% FEDERAL = 0 OTHER = %

#### DEPARTMENT PRIORITY

☒ Project supports essential services





SERVICE AREA  
**Sewer Fund**

DEPARTMENT  
**Public Works**

LOCATION  
Waste Water Treatment Plant

PROJECT TITLE

PROJECT # (If existing)

**WASTE WATER TREATMENT PLANT PROJECTS**

N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*  
Continuation No changes



PROJECT DESCRIPTION

General repairs, replacement or renovation to major plant process equipment or structures at the waste water treatment plant. This funding is set aside for unanticipated expenditures for major capital equipment replacement as failures occur to maintain compliance with regulatory requirements.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)  
Roger Blankenship

PROJECT START DATE  
PROJECT COMPLETION DATE

RECURRING  
RECURRING  
FIXED ASSET DESIGNATION  
New Construction/Expansion

TIMETABLE

% Appropriation Needed  
Engineering & Architectural  
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):  
Lessens the impact on overall sewer operating budget for large plant equipment.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04  
Continuing

FY 2006 -2010 ESTIMATE  
\$500,000

BEYOND FY 2010 ESTIMATE  
Continuing

TOTAL PROJECT ESTIMATE  
**Continuing**

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	10,000	10,000	10,000	10,000	10,000	\$50,000
Construction	80,000	80,000	80,000	80,000	80,000	\$400,000
Contingency	10,000	10,000	10,000	10,000	10,000	\$50,000
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	100,000	100,000	100,000	100,000	100,000	\$500,000
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000	\$500,000
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

DEPARTMENT PRIORITY

☒ Project supports essential services

